

Vesna Å½egarac Leskovar

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

437
citations

840119

11
h-index

752256

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31
all docs

31
docs citations

31
times ranked

305
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of an Innovative Approach for the Renovation of Timber Floors with the Application of CLT Panels and Structural Glass Strips. <i>International Journal of Architectural Heritage</i> , 2021, 15, 627-643.	1.7	6
2	Renovation of timber floors with structural glass: Structural and environmental performance. <i>Journal of Building Engineering</i> , 2021, 38, 102149.	1.6	6
3	A Review of Architectural and Structural Design Typologies of Multi-Storey Timber Buildings in Europe. <i>Forests</i> , 2021, 12, 757.	0.9	20
4	Use of sensitivity analysis for a determination of dominant design parameters affecting energy efficiency of timber buildings in different climates. <i>Energy for Sustainable Development</i> , 2021, 63, 86-102.	2.0	20
5	Strengthening of old timber floor joists with cross-laminated timber panels and tempered glass strips. <i>Construction and Building Materials</i> , 2021, 298, 123841.	3.2	2
6	Practical Impact of the COVID-19 Pandemic on Indoor Air Quality and Thermal Comfort in Kindergartens. A Case Study of Slovenia. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9712.	1.2	10
7	Embodied energy and GHG emissions of residential multi-storey timber buildings by height – A case with structural connectors and mechanical fasteners. <i>Energy and Buildings</i> , 2021, 252, 111387.	3.1	15
8	Sustainable Rehabilitation in Architecture and Urban Development. <i>Springer Series in Geomechanics and Geoengineering</i> , 2021, , 257-272.	0.0	0
9	Is There Any Relation between the Architectural Characteristics of Kindergartens and the Spread of the New Coronavirus in Them? – A Case Study of Slovenia. <i>Sustainability</i> , 2020, 12, 10363.	1.6	0
10	Optimal design of timber-glass upgrade modules for vertical building extension from the viewpoints of energy efficiency and visual comfort. <i>Applied Energy</i> , 2020, 270, 115173.	5.1	5
11	Novel composite connection for timber-glass composite structures. <i>Archives of Civil and Mechanical Engineering</i> , 2020, 20, 1.	1.9	3
12	Thermal Comfort and Indoor Air Quality after a Partially Energy-efficient Renovation of a Prefabricated Concrete Kindergarten Constructed in 1980s in Slovenia. <i>Prostor</i> , 2020, 28, 346-359.	0.0	2
13	Influence of the orientation on the optimal glazing size for passive houses in different European climates (for non-cardinal directions). <i>Solar Energy</i> , 2019, 189, 15-25.	2.9	30
14	Evaluation of a structural epoxy adhesive for timber-glass bonds under shear loading and different environmental conditions. <i>International Journal of Adhesion and Adhesives</i> , 2019, 95, 102425.	1.4	10
15	Integrative Approach to Comprehensive Building Renovations. <i>Green Energy and Technology</i> , 2019, , .	0.4	5
16	Scientific Research Related to Building Renovation. <i>Green Energy and Technology</i> , 2019, , 69-159.	0.4	1
17	Comparative assessment of shape related cross-laminated timber building typologies focusing on environmental performance. <i>Journal of Cleaner Production</i> , 2019, 216, 482-494.	4.6	24
18	APPROACH TO REFURBISHMENT OF TIMBER PRESCHOOL BUILDINGS WITH A VIEW ON ENERGY AND ECONOMIC EFFICIENCY. <i>Journal of Civil Engineering and Management</i> , 2019, 25, 27-40.	1.9	3

#	ARTICLE	IF	CITATIONS
19	Renovation Process Methodology. Green Energy and Technology, 2019, , 35-67.	0.4	0
20	Influence of the building shape on the energy performance of timber-glass buildings located in warm climatic regions. Energy, 2018, 149, 496-504.	4.5	29
21	Environmental impact assessment of building envelope components for low-rise buildings. Energy, 2018, 163, 501-512.	4.5	46
22	Design parameters of the timber-glass upgrade module and the existing building: Impact on the energy-efficient refurbishment process. Energy, 2018, 162, 1125-1138.	4.5	10
23	Development of the timber-glass upgrade module for the purpose of its installation on energy-inefficient buildings in the refurbishment process. Energy Efficiency, 2017, 10, 973-988.	1.3	6
24	Influence of the building shape on the energy performance of timber-glass buildings in different climatic conditions. Energy, 2016, 108, 201-211.	4.5	51
25	Application of the timber-glass upgrade module for energy refurbishment of the existing energy-inefficient multi-family buildings. Energy and Buildings, 2016, 116, 362-375.	3.1	16
26	Economical optimization of energy-efficient timber buildings: Case study for single family timber house in Slovenia. Energy, 2014, 77, 57-65.	4.5	13
27	Energy-Efficient Timber-Glass Houses. Green Energy and Technology, 2013, , .	0.4	7
28	Parametric Investigation On The Influence Of The Building Shape Factor On The Energy Demand For Heating And Cooling In Timber-Glass Buildings. , 2013, , .		0
29	Design Approach for the Optimal Model of an Energy-Efficient Timber Building with Enlarged Glazing Surface on the South Façade. Journal of Asian Architecture and Building Engineering, 2012, 11, 71-78.	1.2	16
30	An approach in architectural design of energy-efficient timber buildings with a focus on the optimal glazing size in the south-oriented façade. Energy and Buildings, 2011, 43, 3410-3418.	3.1	81
31	Comparison of Building Materials for Low-Rise Buildings Based on Environmental Footprint. , 0, , .		0